

equitron[®]

evator[®]

roteva[®]

equibath[®]

lapiz[®]



Core Innovation. Pioneering Industry Benchmarks.

Medica Instrument Mfg Co is an ISO 13485:2012 certified leading manufacturer of laboratory medical instruments since over four decades. EQUITRON is its leading brand - well known for Autoclaves - Single Lever, Media Preparators, Baths, Dispenser for Peni Cylinders amongst others. This range is ably supported by its other brands ROTEVA and EVATOR in Rotary Vacuum Evaporators, LAPIZ in Colony Counter and EQUIBATH in Refrigerated Circulating Baths.

The emphasis and focus at Medica has always been on user friendly products with an attention to detail leading to its product being an asset to any modern setup. The highlights of Medica products are:

- Medica has been at the forefront in usage of latest technology in production
- and its products
- Excellent aesthetics and bespoke designs
- Reliable and consistent performance over a period of time
- Low down time
- Assured parts availability
- Telephonic and e-mail support from qualified Customer Support Engineers

Majority of the products are 'plug-n-use' easy to install and require no elaborate installation.

All electrical products are supplied with:

- Detailed Operation Manual - including installation guidance and basic troubleshooting
- Test Reports
- Calibration certificates traceable to National standards
- Warranty Cards
- One additional spare gasket is part of standard supply - where applicable



OUR RANGE OF PRODUCTS



MEDICA INSTRUMENT MFG CO

equitron®

Autoclave - SLEFA / SLEDOC Series



- Unique single lever locking
- Choice of Fully Automatic / Preset Automatic Digital / Standard models
- Capacity 35 to 180 lit

equitron®

Autoclave - PRAANO Series



- Unique single lever series
- PLC based controller
- Inbuilt documenting option
- Available with Drain (Exhaust) Cooling, Positive Pulsing, Air Ballast with filter (post sterilization) options.

equitron®

Autoclave - SLV



- Unique Single lever locking
- PLC based Controller
- Pre & post vacuum facility
- Passes B-D test
- Capacity 113 to 180 lit

equitron®

MEDIA PREPARATOR cum AUTOCLAVE



- Prepares 3~27 lit of liquid Media & Agar
- Continuous stirring throughout the cycle assures proper mixing of media & uniformity
- Media sterilization temp range: up to 122°C
- Capacity 9 & 27 lit

equitron®

Autoclave - SLEDD



- Unique Single lever locking
- PLC based Control
- Temperature range up to 134°C
- Efficient post sterilization drying
- Conformance to National & International Standards

equitron®

Autoclave - Vertical FA / PAD / STWL



- Choice of Fully Automatic / Preset Automatic Digital / Standard models
- Market leaders in FA segment since over a decade
- Wide documenting options available
- Capacity 35 to 180 lit

equitron®

Autoclave - Table Top CLASS N / S / B



- Fully Automatic
- Upto 134°C
- Drying with door open option
- Safety Valve for over pressure
- Capacity 11 to 22 lit

equitron®

Autoclave - PRABAL Series



- Horizontal loading
- PLC based control
- Efficient post sterilization drying
- Capacity 70 to 80 Lit



equitron[®] LABORATORY INCUBATOR with internal circulation

CE



- Safety tempered inner glass door
- Internal circulating design ensures a high level of control accuracy and uniformity
- Over temperature safety protection & MCB

equitron[®] Forced Convection Oven

CE



- Digital PID temperature controller with timer, alarms and auto tuning
- Incoloy sheathed heater
- Non contact type door switch
- Over temperature safety protection & MCB

equitron[®] BOD Incubator

Classic & Intello series BOD Incubator



- PID temperature controller with soak timer
- Tempered safety glass door
- Independent over temperature cutoff
- Online documenting to PC through Ethernet (for Intello series only)

equitron[®] DispeNser for Peni Cylinders



- For fast and accurate dispensing of peni cylinders in antibiotic potency testing by agar diffusion
- Entire construction of stainless steel - GMP
- Selection of 4 or 6 cylinders

equibath[®] Refrigerated Circulating- EQUIBATH - 6L

CE



- Temperature range -10 to +120°C
- PID temperature controller with timer, alarm and over temperature protection
- Cooling capacity: 250W at 10°C
- Impeller type external circulation pump with 9 lit/min capacity

equibath[®] Refrigerated Circulating- EQUIBATH - 20L

CE



- Temperature range -10 to 120°C
- PID temperature controller with timer, alarm & over temperature protection
- Cooling capacity: 350W at 20°C
- Impeller type external circulation pump with 8 lit/min capacity

equitron[®] Stirred Water Bath

CE



- Excellent Control Accuracy of $\pm 0.1^\circ\text{C}$ at 37°C
- 5 lit to 28 lit capacity
- Wide choice of accessories including Platforms, Weight Rings, Concentric Rings, Gabled Lid etc.

equitron[®] Shaking Bath



- Digital RPM upto 175 oscillations
- Temperature range upto 80°C
- Control accuracy $\pm 0.2^\circ\text{C}$ at 37°C
- Unique flask tray enables interchangeably of different capacity flasks



equitron[®] Concentric Rings Bath - Thermostatic / Digital



Double walled full SS construction

With water level indicator

Drop on lid enables easy cleaning of bath

Temperature range: Ambient +5°C to 100°C

equitron[®] Unstirred Water Bath



Full SS GMP construction

Control accuracy at 37 is $\pm 0.3^{\circ}\text{C}$

Dry run safety alarm

PID temperature controller

Temperature range: Ambient + 5 to 99.9°C with optional gabled lid

equitron[®] Anaerobic Culture Jar - POLYCARBONATE



Strong Moulded transparent Jar

Aluminium cast lid with heat cured epoxy coating

Supplied with Cold Catalyst & SS Petri Dish Carrier

equitron[®] Anaerobic Culture Jar - SS



Seamless Stainless Steel Body & Lid

Supplied with Cold Catalyst & SS Petri Dish Carrier

Semi Lucas type indication facility

Choice of two sizes Ø12x20 cm & Ø22x22 cm

lapiz[®] Colony Counter - GMP Model



Unique sensor pad on base ensure usage of any hard tipped marker pen for marking & counting

Digital count upto 9999

equitron[®] Water Still - with Thermostatic cut-off



Full SS construction

Wall mountable or table top

Supplied with all accessories like flow rate meter, tubings, haffman clip, tap adapter etc.

equitron[®] Autoclave - Portable Automatic / Standard



Die pressed Seamless SS body

Automatic series with preset temperature & time

Automatic purging

Capacity 16 lit

equitron[®] Dressing Drums



Fully stainless steel

Die punched burr free perforations

Robust sliding & latching mechanism

Polished crevice free interiors



roteva[®] Rotary Vacuum Evaporator



- Small foot-print
- Temp range upto 180°C
- Sparkless motor
- Option of six glass sets

evator[®] Rotary Vacuum Evaporator



- Small foot print
- Temp range upto 100°C
- Maintenance free manual Lift
- Assured performance

equitron[®] Vacuum Pump - PTFE coated diaphragm- 5 mbar



- PTFE coated diaphragm, manufactured with German technology
- Max air displacement: 38 LPM
- Ultimate Vacuum: 5 mbar

equitron[®] Vacuum Pump - PTFE coated diaphragm- 35 mbar



- PTFE coated diaphragm, manufactured with German technology
- Max air displacement: 38 LPM
- Ultimate Vacuum: 35 mbar

equitron[®] Vacuum Controller



- Enhance Solvent recovery to > 90%
- Compatible with any lab vacuum source
- Digital display 1000 to 0 mbar
- Control accuracy ± 3 mbar

equitron[®] Chilled Water Circulator 25L



- CFC free hermetically sealed rotary compressor
- Cooling capacity 2500 W at 15°C
- Reservoir capacity of approximately 25 lit
- Available in 4 lit also

equitron[®] Round Oil Bath - Immersion Series



- Digital control
- Cost effective solution
- Stainless still Seamless bath chamber
- Capacity 1 to 10 lit

equitron[®] Round Oil Bath - Clear Bottom



- Clear Bottom - External Heater
- PID Control upto 300°C with timer
- Overshoot alarm for safety
- Capacity 1 to 10 lit



equitron[®] Slide Cabinet



Unique modular design occupies just 1¼ square feet for 21600 bulk slides or 7560 individual slides when 3 cabinets are stacked one above the other

Mix & match between individual & bulk possible

equitron[®] Test Tube Rack



Wide choice from Ø13 to Ø40mm

8 holes to 96 holes

Die punched burr free holes

Top & bottom perforated, bottom plain

equitron[®] Slide Staining Assemblies



Full SS construction

Trough of 25 slides die pressed with loose lid

Rack slots die slotted for easy individual holding

Two sizes 10 & 25 slides

equitron[®] Pipette & Petri Dish Sterilizing Box



Full stainless steel construction

Pipette boxes supplied with autoclave able rubber discs for protection of pipette tips

Petri Dish Box die pressed seamless

equitron[®] ESR Blood Sedimentation Apparatus



Stainless steel base & Top

Rest moulded or coated with non corrosive material

Unique spring mechanism for Westergren permits single hand operation

equitron[®] Petri Plate Exposure Stand Parallel / Inclined



Stackable with perforated top

Suitable for 1 petri plate with open lid

Size 200 x 110 x 300(ht) mm

equitron[®]

Test Tube Caps



Spreader



Cork Borer



Weighing Boats



[illegible]

Web-site: www.medicainstrument.com